

ABSTRACT OF THE INVENTION

The present invention provides a structure and mechanism for retaining and locking a piercing needle in a non-movable position on-demand while positioned co-axially within a hollow cannula in an intravenous catheter assembly. The needle restraining mechanism prevents accidental and inadvertent rearward movement of the piercing needle during the initial and any subsequent attempts to pierce and intravenously cannulate a blood vessel successfully in-vivo.